

The hourly averages from the **MAML** located at the New Orleans East Fire Station at the corner of Dwyer and Read were:

Date	Hour *	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	NO <sub>x</sub>	SO <sub>2</sub>	THC	*time matches current central time and is 1 hr ahead of stationary site data (23:00 maml data = 22:00 site data)				
8/29/2011	4pm	14.0		14.0	2.50					
	5pm	25.4		13.2	3.10					
	6pm	37.2		12.8	2.20					
	7pm	30.9		11.7	2.10					
	8pm	37.8		14.7	2.40					
	9pm	40.0		19.6	2.70					
	10pm	33.1		19.6	3.20					
	11pm	37.2		17.5	3.00	Hour average starts at time listed				
8/30/2011	12am	37.1		15.2	4.60	approx distance MAML to fire: 4.8mi				
	1am	37.6		14.5	5.70	approx bearing range MAML to fire: 44° - 53°				
	2am	32.5		13.6	4.80	Fire Station: 5403 Read Blvd				
	3am	37.5		12.7	7.40					
	4am	33.9		12.8	7.20	arithmetic computations for wind direction				
	5am	34.1		13.0	6.10	using Excel may not be applicable				
	6am	14.0		11.1	3.30					
	7am	20.7		17.4	2.20					
	8am	106.8		100.7	2.90					
	9am	120.2		83.9	2.70					
	10a m	15.8		21.2	2.20					
	11a m	1.8		15.5	2.10					
	12p m	8.6		13.2	2.10					
	1pm	13.1		11.9	2.00					
	2pm	5.8		10.3	2.03					
	3pm	17.9		10.5	2.03					
	4pm	26.5		10.6	2.03					
	5pm	14.9		11.6	1.98					
	6pm	26.2		11.4	1.99					
	7pm	29.1		11.3	2.08					
	8pm	26.9	23.8	11.9	2.44					
	9pm	28.2	23.3	16.3	2.61					
	10p m	29.1	29.5	14.5	2.88					
	11p	28.1	28.6	15.3	3.82					

	m								
8/31/2011	12a m	30.3	25.9	13.7	3.72				
	1am	21.3	36.7	14.4	3.27				
	2am	22.9	38.6	13.1	3.03				
	3am	26.4	39.6	12.6	3.06				
	4am	23.6	34.4	11.8	2.85				
	5am	28.5	30.1	11.2	2.60				
	6am	25.2	40.6	11.0	2.50				
	7am	41.7	258.0	20.8	2.35				
	8am	40.4	70.8	15.7	1.95				
	9am	22.6	37.9	12.6	2.76				
	10a m	11.1	13.0	11.0	1.67				
	11a m	24.3	6.0	10.0	1.48				
	12p m	19.0	4.0	10.0	1.47				
	1pm	15.2	2.0	9.0					
	2pm	20.8	9.0	10.0	1.93				
	3pm	13.8	1.0	9.0	1.90				
	4pm	34.6	1.0	10.0	1.90				
	5pm	24.6	2.0	9.0	1.88				
	6pm	15.1	0.0	10.0	1.86				
	7pm	19.9	10.0	9.0	1.86				
	8pm	7.6	8.0	10.0	1.83				
	9pm	4.3	3.0	10.0	1.82				
<b>minimum</b>		1.8	0.0	9.0	1.5				
<b>maximum</b>		120.2	258.0	100.7	7.4				
<b>average</b>		27.7	29.9	15.9	2.8				
<b>median</b>		26.3	24.9	12.8	2.4				